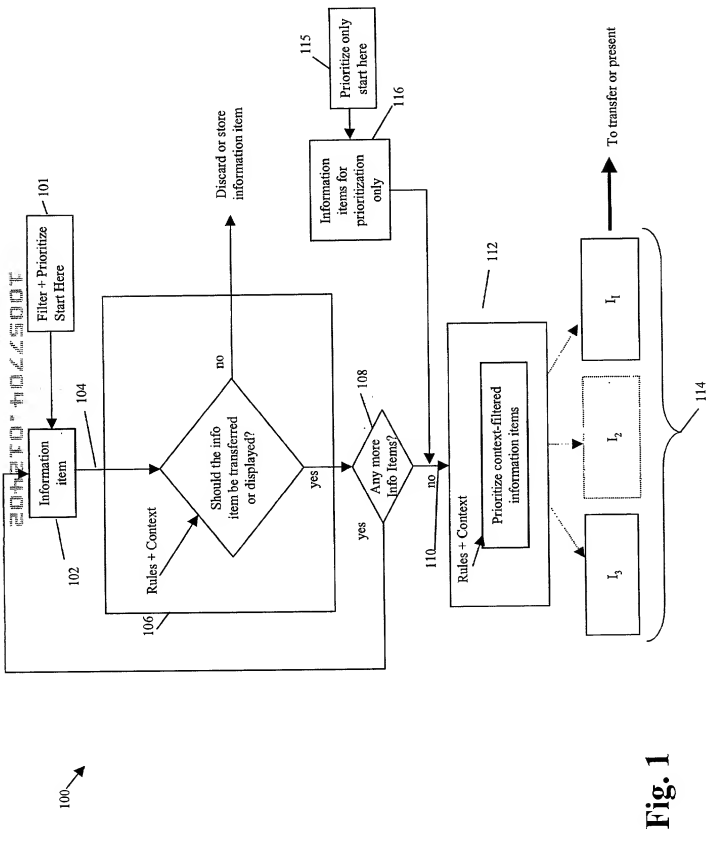
100
Filter + Prioritize Start Here
101
Information item
102
104
Rules + Context
Should the info item be transferred or displayed?
no
Discard or store information item
yes
106
108
Any more info items?
yes
no
110
Rules + Context
Prioritize context-filtered information items
112
Information items for prioritization only
116
Prioritize only start here
115
I_1
I_2
I_3
114
To transfer or present

Fig. 1

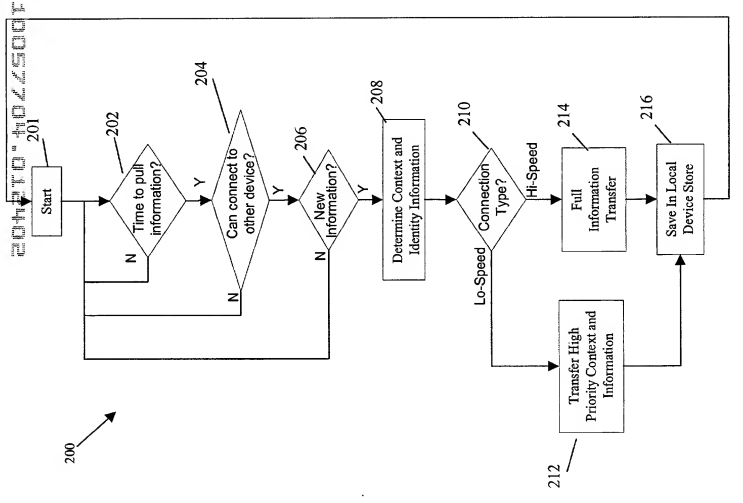
200
Start
201
Time to pull information?
202
N
Y
Can connect to other device?
204
N
Y
New Information?
206
N
Y
Determine Context and Identity Information
208
Connection Type?
210
Lo-Speed
Hi-Speed
Transfer High Priority Context and Information
212
Full Information Transfer
214
Save In Local Device Store
216

Fig. 2

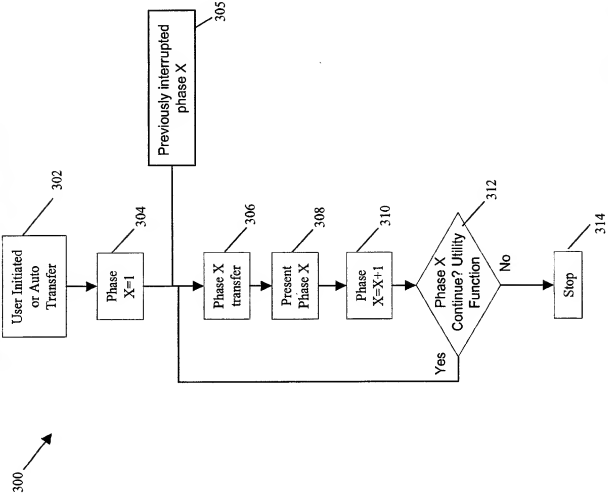
300
User Initiated or Auto Transfer
302
Phase X=1
304
Previously interrupted phase X
305
Phase X transfer
306
Present Phase X
308
Phase X=X+1
310
Phase X Continue? Utility Function
312
Yes
No
Stop
314

Fig. 3

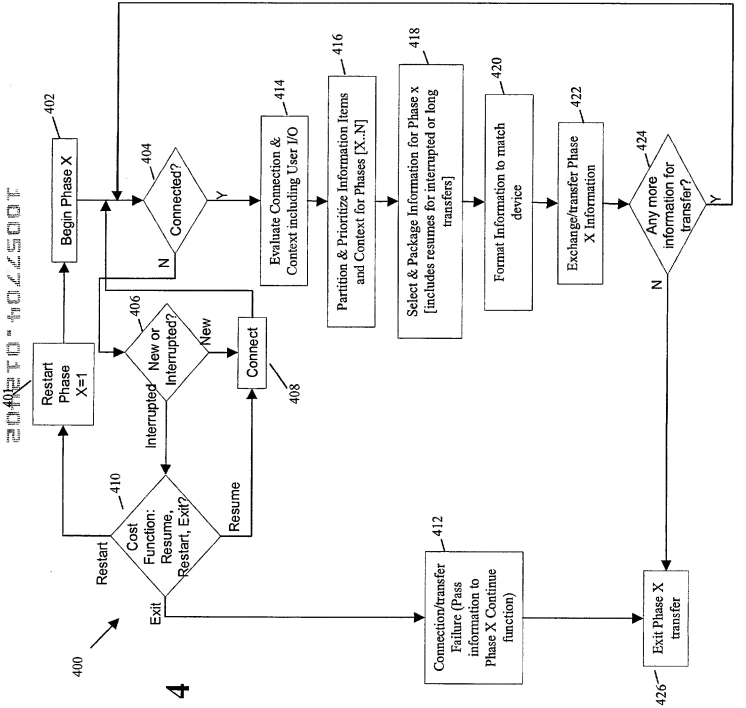
400
Restart
Exit
Cost Function: Resume, Restart, Exit?
410
Restart Phase X=1
401
Begin Phase X
402
Interrupted
New or Interrupted?
406
New
Resume
Connect
408
Connected?
404
N
Y
Evaluate Connection & Context including User I/O
414
Partition & Prioritize Information Items and Context for Phases [X..N]
416
Select & Package Information for Phase x [includes resumes for interrupted or long transfers]
418
Format Information to match device
420
Exchange/transfer Phase X Information
422
Any more information for transfer?
424
N
Y
Connection/transfer Failure (Pass information to Phase X Continue function)
412
Exit Phase X transfer
426

Fig. 4

20030217*10/057004

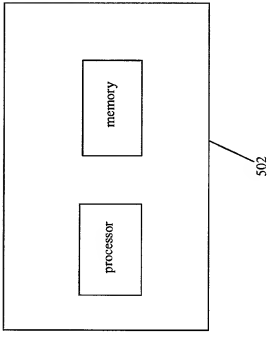

Fig. 5

20020104-0124402

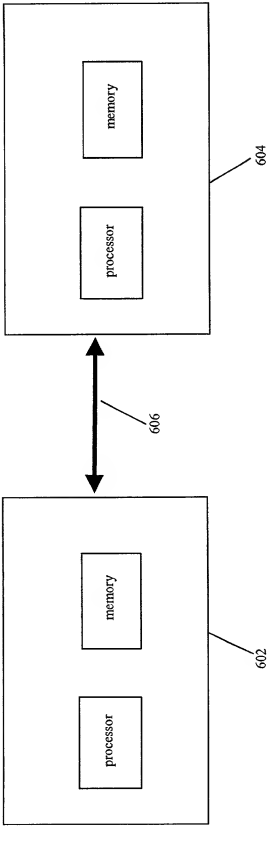

Fig. 6